

L17 ANSWER 22 OF 30 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1994:293603 CAPLUS
 DN 120:293603
 TI **Maleimide** derivatives as linking agents for preparation of
 antigen conjugates
 IN Palumbo, Paul S.
 PA PB Diagnostic Systems, Inc., USA
 SO PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9322677	A1	19931111	WO 1993-US3346	19930408
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5294536	A	19940315	US 1992-872539	19920423
	AU 9339763	A1	19931129	AU 1993-39763	19930408
	AU 662627	B2	19950907		
	EP 606411	A1	19940720	EP 1993-909297	19930408
	EP 606411	B1	19990303		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 06508639	T2	19940929	JP 1993-516097	19930408
	AT 177113	E	19990315	AT 1993-909297	19930408
	ES 2130257	T3	19990701	ES 1993-909297	19930408
PRAI	US 1992-872539		19920423		
	WO 1993-US3346		19930408		
OS	MARPAT 120:293603				

L17 ANSWER 25 OF 30 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1990:75163 CAPLUS
 DN 112:75163
 TI Immunogenic composites capable of selectively inducing antibody
 production, pharmaceutical compositions employing the same, and method of
 selectively inducing antibody production
 IN Mannino, Raphael J.; Goodman-Snitkoff, Gail
 PA Albany Medical College, USA
 SO Eur. Pat. Appl., 30 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 306912	A2	19890315	EP 1988-114597	19880907
	EP 306912	A3	19890705		
	R: BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	AU 8821925	A1	19890309	AU 1988-21925	19880907
	AU 626797	B2	19920813		
	JP 02184635	A2	19900719	JP 1988-316634	19881216
	JP 07049376	B4	19950531		
	US 6048531	A	20000411	US 1993-160093	19931201
PRAI	US 1987-93660		19870908		
	US 1991-685986		19910415		

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09/883.3.4

(FILE 'HOME' ENTERED AT 15:02:11 ON 12 NOV 2003)

FILE 'CAPLUS, EMBASE, BIOSIS, MEDLINE, WPIDS' ENTERED AT 15:03:42 ON 12 NOV 2003

L1 19 S (IMAJO, N? OR IMAJO N?)/AU,IN
L2 1354 S (YAMAGATA, Y? OR YAMAGATA Y?)/AU,IN
L3 2548 S (KATOH, H? OR KATOH H?)/AU,IN
L4 246 S (SATOMURA, S? OR SATOMURA S?)/AU,IN
L5 31616 S (NAKAMURA, K? OR NAKAMURA K?)/AU,IN
L6 2795 S (WAKO) (2A) (PURE)
L7 2 S L6 AND MALEIMID?
L8 19 S MALEIMID? AND (L1 OR L2 OR L3 OR L4 OR L5)
L9 13 DUP REM L8 (6 DUPLICATES REMOVED)
L10 0 S (MALEIMID?) (5A) (TYR OR TYROSIN) (2A) (PO3? OR PHOSPHAT? OR PHOSPH
L11 0 S (MALEIMID?) (5A) (TYR OR TYROSIN) (2A) (PO3? OR PHOSPHAT? OR PHOSP
L12 0 S (MALEIMID?) (5A) (TYR OR TYROSIN) (2A) (PO3? OR PHOSPHAT? OR PHOS
L13 5 S (MALEIMID?) (5A) (TYR OR TYROSIN?) (2A) (PO3? OR PHOSPHAT? OR PHO
L14 2 DUP REM L13 (3 DUPLICATES REMOVED)
L15 16587 S (PEPTIDE?) (3A) (PHOSPHAT?) OR PHOSPHOPEPTID?
L16 41 S L15 AND MALEIMID?
L17 30 DUP REM L16 (11 DUPLICATES REMOVED)
L18 1 S (MALEIMID?) (10A) (TYR OR TYROSIN?) (2A) (PO3 OR SO3 OR PHOSPHATE
L19 1845 S (PHOSPHOPEPTID?)/TI
L20 200387 S (SULFATE? OR SULPHATE?)/TI
L21 2299416 S (PEPTIDE? OR POLYPEPTID? OR PROTEIN?)/TI
L22 7816 S L20 AND L21
L23 9661 S L19 OR L22
L24 5 S L23 AND MALEIMID?
L25 5 DUP REM L24 (0 DUPLICATES REMOVED)
L26 421 S (TYROSINE OR TYR) (2A) (O-SULFATE?)
L27 4 S L26 AND MALEIMID?
L28 1 DUP REM L27 (3 DUPLICATES REMOVED)
L29 13135 S PHOSPHOPEPTIDE?
L30 25 S L29 AND MALEIMID?
L31 17 DUP REM L30 (8 DUPLICATES REMOVED)
L32 8621 S (MALEIMID?)/TI
L33 1028813 S (PEPTID? OR POLYPEPTID? OR ANTIBOD? OR OLIGOPEPTID?)/TI
L34 166 S L32 AND L33
L35 6 S L34 AND (S03? OR PO3 OR PHOSPHATE? OR SULFATE? OR SULPHATE?)
L36 4 DUP REM L35 (2 DUPLICATES REMOVED)
L37 34610 S (PHOSPHOSER? OR PHOSPHOTYR?)
L38 78 S L37 AND MALEIMID?
L39 61 DUP REM L38 (17 DUPLICATES REMOVED)
L40 25 S L39 AND (PEPTID? OR POLYPEPTID? OR ANTIBODY OR ANTIBODIES)
L41 25 DUP REM L40 (0 DUPLICATES REMOVED)

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09/8/3, 394

WEST Search History

DATE: Wednesday, November 12, 2003

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

L40	l7 and phosphopeptide\$	1	L40
L39	L37 and (maleimid\$)	4	L39
L38	L37 and (maleimid\$).clm.	0	L38
L37	L36 and (antibod\$).clm.	124	L37
L36	(phosphopeptide\$).clm.	164	L36
L35	L34 and maleimid\$	22	L35
L34	L33 and (antibody or antibodies)	71	L34
L33	l26 and (l1 or l2 or l3 or l4 or l5 or l6)	76	L33
L32	(poly)near2(tyr or tyrosine\$)near2(phosphate\$ or sulfate\$ or sulphate\$)	3	L32
L31	L30 near30 (maleimid\$)	860	L31
L30	(poly)near2(tyr or tyrosine\$)nea2(phosphate\$ or sulfate\$ or sulphate\$)	623921	L30
L29	maleimid\$ and (tyr or tyrosine\$)near2(sulfat\$ or sulphate\$)	56	L29
L28	L27 and maleimid\$	4	L28
L27	L26 and (tyr or tyrosine\$)near2(sulfat\$ or sulphate\$)	15	L27
L26	phosphopeptid\$	2217	L26
L25	L23 near30 (maleimid\$)	1	L25
L24	L23 near10 (maleimid\$)	0	L24
L23	(peptide\$ or polypeptide\$ or oligopeptide\$)near2(phosphate\$ or phosphonat\$)	976	L23
L22	L20 and (phosphor\$ or sulfuric\$ or sulphate\$ or sulfate\$ or phosphate\$)	584	L22
L21	L20 and (acid or phosphor\$ or sulfuric\$ or sulphate\$ or sulfate\$ or phosphate\$)	593	L21
L20	L19 and (antibod\$ or peptide\$ or polypeptide\$ or oligopeptid\$)	596	L20
L19	maleimid\$ and (l1 or l2 or l3 or l4 or l5 or l6)	1135	L19
L18	L16 and (l1 or l2 or l3 or l4 or l5 or l6)	3	L18
L17	L16 and (l1-l6)	0	L17
L16	l13 and (linker\$ or spacer\$ or conjugat\$)	212	L16
L15	l11 near20 maleimid\$	0	L15
L14	l11 near10 maleimid\$	0	L14
L13	l12 and (phosphoser\$ or phosphotyrosine\$ or phosphothr\$)	219	L13
L12	l11 and maleimid\$	1258	L12

L11	(polyanion\$)near3(peptid\$ or polypeptid\$ or oligopeptid\$)	2903	L11
L10	L9 and (phospho\$ or sulfo\$ or sulpho\$ or sulfate\$ or sulphate\$ or phosphat\$)	31	L10
L9	l7 and maleimid\$	33	L9
L8	(phospho\$ or sulfo\$ or sulpho\$)near2(peptid\$ or polypeptide\$ or oligopeptid\$)	3311	L8
L7	l1 and (l2 or l3 or l4 or l5 or l6)	517	L7
L6	nakamura	186479	L6
L5	satomura	1815	L5
L4	kato	7504	L4
L3	yamagata	14426	L3
L2	imajo	242	L2
L1	(wako)near2(pure)	6431	L1

END OF SEARCH HISTORY